

RTES and BTeV's DocDB

- Features of the database
- Parts of a document
- Sharing the database with BTeV
- Finding what you want
- Dealing with mistakes and getting help

Document database is found at
<http://www-btev.fnal.gov/cgi-bin/DocDB/DocumentDatabase>

Features of the DocDB

Design goals:

- Multiple versions of a document
- Multiple files in each version
- Multiple topics, authors, etc
- Same DB for public, internal. Easy to re-classify
- Stores content as well as meta-information
- Easy to use web interface

DocDB Homepage

The starting point:

Database options:

- [Create or change documents](#)
- [Search documents](#)
- Show BTev-doc.#
- List documents:
 - by [author](#)
 - by [topic](#)
 - modified in the [last 20 days](#)
 - [all documents](#)
 - by old number like [BTeV-pub-year/xx from the old DocDB](#)
- [Get instructions](#)
- [Set preferences](#)
- [Get statistics](#)

Options for Changing Documents

Click any red link for quick help, or view documents in the database. ([Database instructions](#))

Short cuts for putting information into the database: ([Which option do I choose?](#))

- Create a new document from file(s) on your [local computer](#) (no need to reserve the document).
- Create a new document from file(s) on the [web](#) (no need to reserve the document).
- Reserve a document number (if you don't yet have a draft of your document).
- Update document #
- Update Database for document #
- Add file(s) to document #

Parts of a Document

So, what do you need know to put a document in:

- A title and document type
 - Requester and authors
 - An abstract
 - One or more topics and keywords
 - The actual files
- Please supply a printable format (Postscript, PDF, HTML)

Filling Out the Form

Title: _____

Abstract: _____

Keywords: (space separated) _____

Publication Information: _____

Reference:
Journal: _____ Volume: _____ Page: _____

File upload: _____ File: _____

Description: _____

Main?

Document type:

Audio Poster Figure/Photo
 Other Publication Note
 Video Technical Drawing Minutes
 Talk Proceeding

Authors:

S. Subramania
Madhura Tamhankar
Alexey Titov
Terry Tope
P. Torre
Alexandre Toukharov
Marcos Turquetti
Lorenzo Uplegger
A. Uzunian
Eric Vaandering

Make sure you supply a format everyone can view (e.g. PDF) along with source formats.

Requester:

S. Subramania
Madhura Tamhankar
Alexey Titov
Terry Tope
P. Torre
Alexandre Toukharov
Marcos Turquetti
Lorenzo Uplegger
A. Uzunian
Eric Vaandering

Submit document

BE BE BE CH DP DP FC Phys
Control & Monitoring DAQ & Readout Data Archival Data QA Farms Framework Hardware - General Physics-Other Beyond SM Electroweak Production QCD Rare Decays Standard Decays

ES&H Education & Outreach Electrical General Mechanical Organization Policies
5-6 April 2002 1-2 March 2002 25-26 January 2002 17-18 December 2001 2-3 November 2001 30 September 2001 22-23 August 2001
Other Meetings Integration Workshop - May 2002 RTES - August 2001 RTES - February 2002 RTES - March 2002 RTES - May 2002 RTES - November 2001 Software workshop, Fall 2001

Detectors Beams CZero EM Cal General Magnets Muon Other Pixels
Physics-c Baryons Beyond SM CP Violation General Mixing Other Production Rate Decays

Sharing the BTeV Database

This database is used by BTeV and sub or associated groups (currently just RTES)

Currently there are two ways of categorizing documents:

- Security (BTeV or RTES)
- Topics (be careful)

Security Settings

- The database is accessible by multiple groups with multiple passwords
- The *default* protection on your document matches the username you use logging on
- Some groups have access to other groups documents:
 - Anyone in BTeV has access to all RTEs documents
 - The reverse is not true

Using Topics

- Topics for RTES are very restricted, most have specific meanings within BTeV
- All RTES docs should use Computing:RTES topic
- Also use:
 - Topics for RTES meetings
 - Trigger topics if appropriate
- Use Keywords for finer control (VLA, Armor)

Topic List

BTeV General

- Budgets
- ES&H
- Education &
- Outreach
- Electrical
- General
- Mechanical
- Organization
- Policies
- Proposals & Reviews
- Schedules
- Standards
- Test Beam
- WBS

Collaboration Meetings

- 31 May 2002
- 5-6 April 2002
- 1-2 March 2002
- 25-26 January 2002
- 17-18 December 2001
- 2-3 November 2001
- 30 September 2001
- 22-23 August 2001

Computing

- Analysis Software
- Control & Monitoring
- DAQ & Readout
- Data Archival
- Data QA
- Farms
- Framework
- RTESS
- Reconstruction
- Software
- Simulation
- Software - General
- Software Tools
- Trigger - Level 1
- Trigger - Level 2/3

Detectors

- Beams
- CZero
- EM Cal
- General
- Magnets
- Muon
- Other
- Pixels
- RICH

Other Meetings

- Integration Workshop - May 2002
- RTESS - August 2001
- RTESS - February 2002
- RTESS - March 2002
- RTESS - May 2002
- RTESS - November 2001
- Software Workshop, Fall 2001

Physics-Other

- Beyond SM
- Electroweak
- Production
- QCD
- Rare Decays
- Standard Decays

Using Keywords

- Keywords can be any text you want
- Space separated (use '_' for spaces)
- Most useful if we standardize
 - Would suggest doing this now
 - Effectively subtopics
- Cross referenced, used in search engine, canned searches on RTEs pages are easy

Retrieving Information

Lots of ways to find what you want:

- Easy to look up if you know the document #
- List by Author
- List by Topic
- Authors, Topics, and Keywords are cross-referenced
- Search engine for every field in DB
- Can construct links to documents or files in documents

Making Mistakes

Mistakes happen. If you make a mistake:

- Don't make a new document
- Update the document or the database info
- Add or replace files
- Contact btev-docdb@fnal.gov with problems you don't feel comfortable trying to solve

Getting More Help

There are several sources of additional help or information

- Red links of terms on many pages launch a pop-up
- A help document explaining most of this info
- Document #140 is a more technical description